

In the Claims

1-7. (cancelled)

8. (new) A method for inhibiting corrosion of a metallic member in concrete, said method comprising:

(a) surrounding said metallic member with concrete; and

(b) applying a liquid coating to an exterior surface of said concrete, said liquid coating including:

(i) metallic particles selected from the group consisting of magnesium, zinc, and aluminum; and

(ii) one or more additives selected from the group consisting of carbon fibers, graphite, and combinations thereof.

9. (new) A method as in Claim 8 wherein said liquid coating further includes one or more humectants.

10. (new) A method as in Claim 8 wherein said carbon fibers are present in said liquid coating at a concentration of between about 2% and about 10% by weight.

11. (new) A method as in Claim 8 wherein said graphite is present in said liquid coating at a concentration of between about 1% and about 6% by weight.

12. (new) A method as in Claim 8 wherein said liquid coating is applied to said exterior surface of said concrete through brush, spray, or roll methods.

13. (new) A method for inhibiting corrosion of metal structures embedded in a substrate, said method comprising:

(a) applying a liquid coating to an exterior surface of said substrate, said liquid coating including:

(i) metallic particles selected from the group consisting of magnesium, zinc, and aluminum;

(ii) one or more additives selected from the group consisting of conductive polymers, carbon fibers, and combinations thereof; and

(iii) a suitable coating vehicle.

14. (new) A method as in Claim 13 wherein said liquid coating further includes one or more humectants.

15. (new) A method as in Claim 13 wherein said carbon fibers are present in said liquid coating at a concentration of between about 2% to about 10% by weight.

16. (new) A method as in Claim 13 wherein said graphite is present in said liquid coating at a concentration of between about 1% and about 6% by weight.

17. (new) A method as in Claim 13 wherein said liquid coating is applied to said exterior surface of said substrate through brush, spray, or roll methods.